GENERAL NOTES

1. These notes apply to Standard Drawings 610-DR14-01 through 12.
2. If a FCPR approach is used on Class III or Class IV, the road shall be constructed using ear
   construction type C as shown on Standard Drawing 610-DR14-02.
3. When the minimum approach grade of 6.00% does not meet the group-of-the-outside-arc before the
   R/W line, the approach grade of 4.00% shall extend beyond the R/W to the point of intersection with
   the existing roadway grade. Construction beyond the R/W line shall be done in temporary R/W.
4. The appropriate pipe and treatment should be provided for pipes located either inside the clear zone
   or outside the clear zone.
5. The maximum algebraic difference in grades shall not exceed 8% for the crest grade nor 12% for sagged
   grades for Types 1 and 2 drives, nor 11% for the crest grade and 14% for sagged grades for Types 3, 4,
   5, and 6 drives.
6. The minimum drainage pavement sections for Class III, IV, VI, and VII drives have been designed for
   400 trucks per day. If the truck traffic count is greater than 400 per day, the required pavement section
   shall be as shown elsewhere on the plans.
7. See Standard Drawing 610-DR14-14 for shoulder treatment at driveways.
8. Curb ramp type H as shown on Standard Drawing 604-SWCR-09, when the approach is signalized, or
   a sidewalk elevation transition as shown on Standard Drawing 604-SWDM-02 shall be used when sidewalk
   is adjacent to curb.
9. When X is equal to or greater than 400 but less than 1800, either a curb ramp type G as shown on
   Standard Drawing 604-SWCR-09, when the approach is signalized, or a sidewalk elevation transition
   as shown on Standard Drawing 604-SWDM-01 shall be used.
10. When X is equal to or greater than 1800, the curb ramp or sidewalk elevation transition is required unless
    the curb height is in excess of USD.
11. Embankment slopes within the machine clear zone for new construction or reconstruction projects
    or within the obstruction-free zone for 3R projects should be as shown in the table on Standard
    Drawing 610-PRPA-04. Outside the clear zone or the obstruction-free zone, the embankment
    slopes should gradually be 3:1 but not steeper than 3:1.

LEGEND

- 13 preformed joint filler
- Monolithic curb
- Longitudinal joint
- Concrete sidewalk
- For type and thickness equivalent to surface in place, see plans.
- X = Distance between face of curb and sidewalk.
- W = Width of sidewalk
- FCP
- P = Curb ramp, if signalized, or typically, sidewalk elevation transition.
- P = Curb ramp or sidewalk elevation transition section view.

INDIANA DEPARTMENT OF TRANSPORTATION

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STANDARD DRAWING NO. 610-DRIV-13

Design Standards Engineer

Design Standards Engineer